

TABLE 1. FLORAL CHECKLIST OF THE RAMONA AIRPORT SITE

HABITAT The entire site is an Annual Grassland

CRYPTOGAMS

Selaginellaceae

Selaginella bigelovii Underw. Spike-Moss

DICOTYLEDONS

Adoxaceae - Adoxus Family

Sambucus mexicana Presl ex D.C. Desert Elderberry

Anacardiaceae - Sumac Family

Toxicodendron radicans ssp. *diversilobum* (T. & G.) Thorne.

Apiaceae - Carrot Family

* *Foeniculum vulgare* Mill. Sweet Fennel

Asclepiadaceae - Milkweed Family

Asclepias californica Greene. California Milkweed

Asteraceae - Sunflower Family

Ambrosia psilostachya var. *californica* (Rydb.) Blake. Ragweed

Baccharis salicifolia (R.P.) Pers. Mule-fat

Brickellia californica (T. & G.) Gray. California Brickellbush

Corethrogyne filaginifolia var. *virgata* (Benth.) Gray. Virgate Cudweed-Aster

* *Cotula coronopifolia* L. Brass-Buttons

Filago californica Nutt. California Filago

Gnaphalium californicum D.C. California Everlasting

Hemizonia sp. (seedling)

Isocoma veneta var. *veronioides* (Jeps.) Beauchamp. Coastal Goldenbush

Lasthenia californica D.C. ex Lindley. Goldfields

* *Matricaria matricarioides* (Less.) Porter. Pineapple Weed

Microseris lindleyi (D.C.) Gray. Silver Puffs

Senecio californicus D.C. California Butterweed

Boraginaceae - Borage Family

Amsinckia menziesii (Lehm.) Nels. & Macbr. Rigid Fiddleneck

Cryptantha intermedia (Gray) Greene. Nievitas

Heliotropium curvassavicum var. *oculatum* (Heller) Jtn. Salt Heliotrope

Pectocarya linearis ssp. *ferocula* (Jtn.) Thorne. Slender Pectocarya

Brassicaceae - Mustard Family

* *Brassica nigra* (L.) Koch Black Mustard

* *Raphanus sativus* L. Wild Radish

* *Sisymbrium irio* L. London Rocket

Cactaceae - Cactus Family

Opuntia littoralis (Engelm.) Ckll. var. *littoralis* Coast Prickly-Pear

Callitrichaceae - Water-Starwort Family

Callitriche longipedunculata Morong. Long-Stalk Water-Starwort

TABLE 1. FLORAL CHECKLIST OF THE RAMONA AIRPORT SITE (CONTINUED)

Caryophyllaceae - Pink Family

- Cerastium glomeratum* Thuill. Mouse-Ear Chickweed
 * *Silene gallica* L. Common Catchfly
Spergularia bocconii (Scheele) Foucaud. Buccone's Sand-Spurry
 * *Stellaria media* L. Chickweed

Chenopodiaceae - Goosefoot Family

- Chenopodium californicum* (Wats.) Wats. California Goosefoot
 * *Chenopodium murale* L. Nettle-Leaf Goosefoot

Convolvulaceae - Morning-Glory Family

- Calystegia macrostegia* ssp. *longiloba* (Abrams) Brumm. Morning-Glory
Cuscuta ceanothi Behr. Canyon Dodder.

Crassulaceae - Stonecrop Family

- Crassula connata* (Ruiz & Pav.) Berger in Engl. & Prantl. Dwarf Stonecrop

Cucurbitaceae - Gourd Family

- Marah macrocarpus* (Greene) Greene. Manroot, Wild-Cucumber

Euphorbiaceae - Spurge Family

- Eremocarpus setigerus* (Hook.) Benth. Doveweed

Fabaceae - Pea Family

- Lotus argophyllus* (Gray) Greene ssp. *argophyllus*. Silver-leaf Lotus
Lotus strigosus Greene. Bishop's Lotus
Lupinus bicolor ssp. *microphyllus* (Wats.) D. Dunn. Lupine
Trifolium variegatum var. *variegatum* Nutt. in T. & G. White Tip Clover

Geraniaceae - Geranium Family

- * *Erodium botrys* (Cav.) Bertol. Long-beak Filaree
 * *Erodium cicutarium* (L.) L'Her. Red-stem Filaree

Hydrophyllaceae - Waterleaf Family

- Phacelia cicutaria* ssp. *hispida* (Gray) Beauch. Caterpillar Phacelia
Phacelia parryi Torr.
Phacelia suffrutescens (Parry) Const.

Lamiaceae - Mint Family

- * *Marrubium vulgare* L. Horehound

Lythraceae - Loosestrife Family

- * *Lythrum hyssopifolia* L. Grass Poly

Myrtaceae - Myrtle Family

- * *Eucalyptus* sp.

Nyctaginaceae - Four-O'Clock Family

- Mirabilis californica* Gray. Wishbone Plant

Onagraceae - Evening-Primrose Family

- Camissonia bistorta* (Nutt. ex T. & G.) Raven. Southern Sun-cup
Camissonia strigulosa (F. & M.) Raven. Strigulose Evening-Primrose

TABLE 1. FLORAL CHECKLIST OF THE RAMONA AIRPORT SITE (CONTINUED)

Papaveraceae - Poppy Family

- Eschscholzia californica* Cham. var. *californica*. California Poppy
Platystemon californicus Benth. Cream Cups

Plantaginaceae - Plantain Family

- Plantago erecta* Morris ssp. *erecta*. Dot-seed Plantain

Polemoniaceae - Phlox Family

- Gilia angelensis* V. Grant. Grassland Gilia

Polygonaceae - Buckwheat Family

- Eriogonum fasciculatum* Benth. ssp. *fasciculatum* Flat-top Buckwheat
Eriogonum fasciculatum ssp. *foliolosum* (Nutt.) S. Stokes. Interior Flat-top Buckwheat
 * *Rumex crispus* L. Curly Dock

Portulacaceae - Purslane Family

- Calandrinia ciliata* var. *menziesii* (Hook) Macbr. Red Maids

Ranunculaceae - Crowfoot Family

- Clematis pauciflora* Nutt. in T. & G. Virgin's Bower

Rubiaceae - Madder Family

- * *Galium aparine* L. Common Bedstraw

Scrophulariaceae - Figwort Family

- Antirrhinum nuttallianum* Benth. in D.C. Nuttall's Snapdragon
Linaria canadensis var. *texana* (Scheele) Penn. Large Blue Toadflax
Orthocarpus purpurascens Benth. var. *purpurascens* Red Owl's-Clover
Scrophularia californica var. *floribunda* Greene. California Bee Plant

MONOCOTYLEDONS**Alliaceae - Onion Family**

- Dichelostemma pulchellum* (Salisb.) Heller. Wild-Hyacinth
Muilla maritima (Torr.) Wats. Rough Muilla

Liliaceae - Lily Family

- Chlorogalum parviflorum* Wats. Small-Flower Soap-Plant

Poaceae - Grass Family

- * *Avena barbata* L. Slender Oat
 * *Bromus diandrus* Roth. Ripgut Grass
 * *Bromus mollis* L. Soft Chess
 * *Bromus rubens* L. Red Brome
Distichlis spicata (L.) Greene. Coastal Salt Grass
 * *Hordeum murinum* ssp. *leporinum* (Link) Arcang. Hare Barley
 * *Lamarckia aurea* (L.) Moench. Goldentop
 * *Lolium perenne* L. English Ryegrass
 * *Poa annua* L. Annual Bluegrass

* - Denotes non-native plant taxa

TABLE 2. ANIMALS OBSERVED OR DETECTED ON THE RAMONA AIRPORT MASTER PLAN SITE.

HABITAT: E = Eucalyptus
G = Grassland/Pastureland

F = Flyover
R = Rock Outcrop

COMMON NAME	SCIENTIFIC NAME	NUMBER/MEANS OF DETECTION	HABITAT
REPTILES			
Phrynosomatidae			
Granite Spiny Lizard	<i>Sceloporus orcutti</i>	4	R
Western Fence Lizard	<i>Sceloporus occidentalis</i>	8	R
Side-blotched Lizard	<i>Uta stansburiana</i>	5	R
Colubridae (Colubrids)			
Coachwhip	<i>Masticophis flagellum</i>	1	G
Gopher Snake	<i>Pituophis melanoleucus</i>	1	G
Viperidae (Vipers)			
Southern Pacific Rattlesnake	<i>Crotalus viridis helleri</i>	1	G
BIRDS			
Ardeidae (Herons and Bitterns)			
Cattle Egret	<i>Bubulcus ibis</i>	40	G
Cathartidae (American Vultures)			
Turkey Vulture	<i>Cathartes aura</i>	5	F
Accipitridae (Hawks, Old World Vultures, and Harriers)			
Swainson's Hawk	<i>Buteo swainsoni</i>	1	F
Red-tailed Hawk	<i>Buteo jamaicensis</i>	4	F
Falconidae (Caracaras and Falcons)			
American Kestrel	<i>Falco sparverius</i>	1	F
Charadriidae (Plovers and Relatives)			
Killdeer	<i>Charadrius vociferus</i>	6	F,G
Columbidae (Pigeons and Doves)			
Mourning Dove	<i>Zenaida macroura</i>	12	F,G
Cuculidae (Typical Cuckoos)			
Greater Roadrunner	<i>Geococcyx californianus</i>	1	R
Strigidae (Typical Owls)			
Burrowing Owl	<i>Athene cunicularia</i>	Scat	G,R
Tyrannidae (Tyrant Flycatchers)			
Ash-throated flycatcher	<i>Myiarchus cinerascens</i>	3	E
Western Kingbird	<i>Tyrannus verticalis</i>	12	G
Alaudidae (Larks)			
Horned Lark	<i>Eremophila alpestris</i>	6	G

TABLE 2. ANIMALS OBSERVED OR DETECTED ON THE RAMONA AIRPORT MASTER PLAN SITE (CONTINUED).

COMMON NAME	SCIENTIFIC NAME	NUMBER/MEANS OF DETECTION	HABITAT
Hirundinidae (Swallows)			
Violet-green Swallow	<i>Tachycineta thalassina</i>	4	F
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	20	F
Cliff Swallow	<i>Hirundo pyrrhonota</i>	>100	F
Corvidae (Jays, Magpies, and Crows)			
Common Raven	<i>Corvus corax</i>	2	E,F
Mimidae (Mockingbirds and Thrashers)			
Northern Mockingbird	<i>Mimus polyglottos</i>	1	F
Sturnidae (Starlings)			
European Starling	<i>Sturnus vulgaris</i>	14	F,G
Emberizidae (Warblers, Sparrows, Blackbirds and Relatives)			
Lark Bunting	<i>Calamospiza melanocorys</i>	1	G
Savannah Sparrow	<i>Passerculus sandwichensis</i>	14	G
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	10	F
Tricolored Blackbird	<i>Agelaius tricolor</i>	8	F
Western Meadowlark	<i>Sturnella neglecta</i>	28	G
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	13	F,G
Fringillidae (Finches)			
House Finch	<i>Carpodacus mexicanus</i>	2	F
MAMMALS			
Leporidae (Rabbits and Hares)			
Desert Cottontail	<i>Sylvilagus audubonii</i>	Observed - 2	G
Black-tailed Jackrabbit	<i>Lepus californicus</i>	Scat	G
Sciuridae (Squirrels, Chipmunks, and Marmots)			
California Ground Squirrel	<i>Spermophilus beecheyi</i>	Observed - 8	G,R
Geomyidae (Pocket Gophers)			
Botta's Pocket Gopher	<i>Thomomys bottae</i>	Mounds	G
Heteromyidae (Pocket Mice and Kangaroo Rats)			
Pacific Kangaroo Rat	<i>Dipodomys agilis</i>	Scat, Burrows	R
Canidae (Foxes, Wolves, and Relatives)			
Coyote	<i>Canis latrans</i>	Scat	G

TABLE 2: FAUNAL OBSERVATIONS

<u>BIRDS</u>		# SURVEYED OCTOBER 1-HR SURVEY	HABITAT**
Red-tailed Hawk	<u>Buteo jamaicensis</u>	1	G
American Kestrel	<u>Falco sparverius</u>	2	G
Peregrine Falcon	<u>Falco peregrinus</u>	1	S, G
Killdeer	<u>Charadrius vociferus</u>	4	G
Common Snipe	<u>Gallinago gallinago</u>	1	G
Morning Dove	<u>Zenaida macroura</u>	5	G
Greater Roadrunner	<u>Geococcyx californianus</u>	1	G
Burrowing Owl	<u>Athene cunicularia</u>	1	G, S
Anna's Hummingbird	<u>Calypte anna</u>	2	S
Say's Phoebe	<u>Sayornis saya</u>	1	G
Ash-throated Flycatcher	<u>Myiarchus cinerascens</u>	1*	S
Horned Lark	<u>Eremophila alpestris</u>	8*	G
Common Raven	<u>Corvus corax</u>	8	D
Loggerhead Shrike	<u>Lanius ludovicianus</u>	2	G
European Starling	<u>Sturnus vulgaris</u>	6	D
Brown Towhee	<u>Pipilo fuscus</u>	2	S
Savannah Sparrow	<u>Passerculus sandwichensis</u>	6	G
Song Sparrow	<u>Melospiza melodia</u>	4	S
Western Meadowlark	<u>Sturnella neglecta</u>	10	G
Brewer's Blackbird	<u>Euphagus cyanocephalus</u>	2	G
House Finch	<u>Capodacus mexicanus</u>	10	D

<u>MAMMALS</u>		ABUNDANCE***	HABITAT**
Desert Cottontail	<u>Sylvilagus audubonii</u>	C	S
Black-tailed Jackrabbit	<u>Lepus californicus</u>	O	G, S, D
California Ground Squirrel	<u>Spermophilus beecheyi</u>	A	G, S
Coyote	<u>Canis latrans</u>	C	G, S
Long-tailed Weasel	<u>Mustela frenata</u>	C	G
Mouse-like Rodents	<u>Peromyscus, Perognathus,</u> <u>& Dipodomys</u>	A	G, S
Pocket Gopher	<u>Thomomys bottae</u>	C	G, D

<u>REPTILES</u>		ABUNDANCE***	HABITAT**
Side-blotched Lizard	<u>Uta stansburiana</u>	O	S
Western Fence Lizard	<u>Sceloporus occidentalis</u>	C	S, R
Granite Spiny Lizard	<u>Sceloporus orcutti</u>	C	R
Western Rattlesnake	<u>Crotalus viridis</u>	O	S, G, R
Gopher Snake	<u>Pituophis melanoleucas</u>	O	S, G, R

* Observed in July

** G = Grassland, S = Scrub, D = Developed, R = Rock Outcrops

*** O = Occasional, C = Common, A = Abundant

D6; ENVIRON.1
FLOR/SPECIES

Table 4. Sensitive Plants Observed and Potentially Occurring at Ramona Airport

Common Name (Scientific Name)	Status ⁽¹⁾	Preferred Habitat	Growth Habit	Flowering Period	Potential to Occur On-Site
spreading navarretia (<i>Navarretia fossalis</i>)	Federal - PT CNPS - List 1B R-E-D 2-3-2	vernal pool, vernal swale	annual herb	Apr-Jun	observed
southern tarplant (<i>Hemizonia parryi</i> ssp. <i>australis</i>)	Federal - former C2 CNPS - List 1B R-E-D 3-3-2	marsh, vernal pool, grassland	annual herb	Jun-Nov	observed
little mousetail (<i>Myosurus minimus</i> var. <i>apus</i>)	Federal - former C2 CNPS - List 3 R-E-D 2-3-2	vernal pool	annual herb	Mar-Jun	observed
San Diego thorn-mint (<i>Acanthomintha ilicifolia</i>)	Federal - PE State - Endangered CNPS - List 1B R-E-D 2-3-2	chaparral, coastal scrub, grassland	annual herb	Apr-Jun	low
Orcutt's brodiaea (<i>Brodiaea orcutti</i>)	Federal - former C2 CNPS - List 1B R-E-D 1-3-2	grasslands, vernal pools, streamside embankments	perennial herb (bulbiferous)	May-Jul	low
San Diego button-celery (<i>Eryngium aristulatum</i> ssp. <i>parishii</i>)	Federal - Endangered State - Endangered CNPS - List 1B R-E-D 2-3-2	vernal pool	herbaceous biennial	Apr-Jun	not expected
Encinitas baccharis (<i>Baccharis vanessae</i>)	Federal - PE State - Endangered CNPS - List 1B R-E-D 2-3-3	chaparral	perennial shrub	Aug-Nov	not expected
slender-pod caulanthus (<i>Caulanthus stenocarpus</i>)	Federal - former C2 State - Rare	chaparral	annual herb	Mar-May	not expected
Cleveland's golden-star (<i>Muilla clevelandii</i>)	Federal - former C2 CNPS - List 1B R-E-D 2-2-2	grassland and vernal pool	perennial herb (bulbiferous)	May	not expected
Gairdner's yumpah (<i>Perideridia gairdneri</i> ssp. <i>gairdneri</i>)	Federal - former C2 CNPS - List 4 R-E-D 1-2-3	upland forest and chaparral	perennial herb	Jun-Oct	not expected

Table 4. Sensitive Plants Observed and Potentially Occurring at Ramona Airport

Common Name (Scientific Name)	Status ⁽¹⁾	Preferred Habitat	Growth Habit	Flowering Period	Potential to Occur On-Site
felt-leaved monardella (<i>Monardella hypoleuca</i> ssp. <i>lanata</i>)	Federal - former 3c CNPS - List 1B R-E-D 2-2-2	chaparral	perennial herb	Jun-Jul	not expected
Campo clarkia (<i>Clarkia delicata</i>)	CNPS - List 2 R-E-D 1-2-1	chaparral, oak woodland	annual herb	May-Jun	not expected

⁽¹⁾ Please see Attachment F for Sensitivity Guidelines.

Table 5. Sensitive Wildlife Observed and Potentially Occurring at Ramona Airport

Common Name (Scientific Name)	Status ⁽¹⁾	Preferred Habitat	Potential to Occur On-site
Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)	Federal - FE	vernal pools	low
vernal pool fairy shrimp (<i>Branchinecta lynchi</i>)	Federal - FT	vernal pools	not expected
San Diego fairy shrimp (<i>Branchinecta sandiegoensis</i>)	Federal - FPE	vernal pools	observed
southwestern arroyo toad (<i>Bufo microscaphus californicus</i>)	Federal - FE State - SC	arroyos, river bottoms	not expected <i>observed</i>
San Diego horned lizard (<i>Phrynosoma coronatum blainvillei</i>)	Federal - former C2 State - SC	coastal sage scrub, chaparral	observed
orange-throated whiptail (<i>Cnemidophorus hyperythrus beldingi</i>)	Federal - former C2 State - SC	coastal sage scrub, chaparral	low
northern red diamond rattlesnake (<i>Crotalus ruber ruber</i>)	Federal - former C2 State - SC	rocky brushlands	low
turkey vulture (<i>Cathartes aura</i>)	BL Ev	open fields, grasslands	observed
bald eagle (<i>Haliaeetus leucocephalus</i>)	Federal - FT State - CE, CP Ev	around lakes	observed
northern harrier (<i>Circus cyaneus</i>)	State - SC	grassland, agricultural fields	observed
black-shouldered kite (<i>Elanus caeruleus</i>)	State - CSA		observed
sharp-shinned hawk (<i>Accipiter striatus</i>)	State - SC	woodlands, parks, residential areas	observed
red-shouldered hawk (<i>Buteo lineatus elegans</i>)	BL	woodlands, forests	observed
Cooper's hawk (<i>Accipiter cooperi</i>)	State - SC Ev	woodlands, parks, residential areas	observed
Swainson's hawk (<i>Buteo swainsoni</i>)	State - CT Ev	agricultural fields	observed
ferruginous hawk (<i>Buteo regalis</i>)	State - SC	grasslands, agricultural fields	observed
golden eagle (<i>Aquila chrysaetos canadensis</i>)	State - CP, SC	grassland, coastal sage scrub	observed
merlin (<i>Falco columbarius</i>)	State - SC	grassland	low
prairie falcon (<i>Falco mexicanus</i>)	State - SC	grassland, agricultural lands	low
American peregrine falcon (<i>Falco peregrinus anatum</i>)	Federal - FE State - CE Ev	mudflats, shores, ponds	low
burrowing owl (<i>Athene cunicularia</i>)	State - SC Ev	grasslands, agricultural fields	observed

Table 5. Sensitive Wildlife Observed and Potentially Occurring at Ramona Airport

Common Name (Scientific Name)	Status ⁽¹⁾	Preferred Habitat	Potential to Occur On-site
coastal cactus wren (<i>Campylorhynchus brunneicapillus</i> <i>sandiegoense</i>)	Federal - former C2 State - SC Ev	coastal sage scrub, maritime succulent scrub	not expected
California gnatcatcher (<i>Poliophtila californica</i>)	Federal - FT State - SC	coastal sage scrub	not expected
least Bell's vireo (<i>Vireo bellii pusillus</i>)	Federal - FT State - CE BL Ev	riparian woodlands	not expected